EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
29	630	(Naoki\$5 near9 Yoshida\$5).in.	US-FGPUB: USPAT; USCOR FPPS; EPC, IPC, DETAY(EVIT; IBM_TDB	OR	ON	2009/12/15 11:13
.30	16	i29 and (drum\$5)	Jus-Ropub; Jusat; Jusoor Ffres; EPC, JPC, Derayent; IBM_TDB	OR	ON	2009/12/15 11:13
.31	3	i29 and (drum\$5 and coefficient\$5)	US-FGPUB USPAT; USCOT: FFPS; FPC, IPC; DETAYENT; IBM_TDB	OR	ON	2009/12/15 11:14
.32	3	29 and (drum\$5 and coefficient\$5 and friction\$5)	US FOR US USAT; USOOT, FPPS; EPC, IPC, USTAYENT; IBM_TOS	OR	ON	2009/12/15 11:14
.33	1	i29 and (drum\$5 and coefficient\$5 and friction\$5 and slip\$3)	IJS-FGRUB: IJSPAT; IJSOOT; FFPS; FPC, IPC, IJCO, IJCO, IJSM_TDB	OR	ON	2009/12/15 11:15
.34	7	329 and ((drum\$5).clm.)	US FORUB. USPAT; USDOT; FFPS; EPC, IPC, DETAY(ENT); IBM_TDB	OR	ON	2009/12/15 11:15
35	1	i29 and ((drum\$5 and coefficien\$5).cim.)	(US-FGRUB (USPAT; (USOOT FPPS; EPC, IPC, (DETAY(ENT; (BM_TDB)	OR	ON	2009/12/15 11:16
.36	7	i29 and (drum\$5 and delect\$5)	US ROPUB. USPAT; USCOR FPTS; EPC, USCOR (FPTS) (DETAYLENT; USM_TOB	OR	ON	2009/12/15 11:16

L37	1	(23 and (drum\$5 and derect\$5 and slip\$3)	;US POPUB. ;USPAT; ;USOOR; FFFES; ;EFO; JPO; ;DEFWINIT; ;BM_TDB	OR	ON	2009/12/15 11:17
31	225	friction\$5 near5 carrier\$3 near5 drum\$5	US FORUS USPAT; USOOR: FFFIS, EFO; UPO, USDEN(MIT) (BM_TDB	OR	ON	2009/12/11 17:50
2	20511	auxilia(\$5 neaf5 carrier(\$5	US POPUS USPAT; USDOR FFFS, EFO, IPO, DERWINT; BM_TDB	OR	ON	2009/12/11 17:50
4	10	SI and S2	US PGPUB. JUSPAT; USDOOR FFFS, JEPO, IPO, JOERNENT; JIBM_TDB	OR	ON	2009/12/11 17:50
4	721365	śrun \$ 5	US POPUB USPAT; USOOR FFFS, EPO, IPO, IDEN/UST; IBM_TDB	OR	ON	2009/12/11 17:51
5	905664	sip\$5	;US POPUB. ;USPAT; ;USDOT; FFFES. ;ETO; JPO; ;DDFN/MDT; ;BM_TDB	OR	ON	2009/12/11 17:51
6	65960	S4 and S5	;US POPUB. ;USPAT; ;USDOT; FFFS. ;EPO; JPO; ;DDFN(MDT; ;BM_TDB	OR	ON	2009/12/11 17:51
7	1387872	friction\$5	US POPUB. USPAT; USDOT; FFFS. EPO; IPO; IDEN(MTDB	OR	ON	2009/12/11 17:52
8	906373	(czefficient\$5	US POPUB. USPAT; USDOT; PFFS. (EPC), IPC), (DEPN/BIT), (BM_TDB	OR	ON	2009/12/11 17:52
99	3513152	(af d5	Us Popub. Uspat; Usoor Pffs; EPO, IPO; OERWISH; IBM_TOB	OR	ON	2009/12/11 17:52

SIO	30072	SH and SS and S7	US-POPUB USPAT; USOOR FFFS; EPC, IPO; DERNIPNT; IBM_TDB	OR	ON	2009/12/11 17:52
311	6102	S4 and S5 and S7 and S9	US FORUS USPAT; USCOR FFFS; EPO, JPO, DETRIVINT; IBM_TDB	OR	ON	2009/12/11 17:53
312	3440	S4 and S5 and S7 and S9 and S9	(US FOR US USPAT; USDCR FFFS; EPC, IPC, DERNIVAT; IBM_TDB	OR	ON	2009/12/11 17:53
313	9933	S7 same S9 same S9	(US POPUB) (USPAT; (USOOR, FFPAS, FFO,, IPC) (DERWIPNT; (IBM_TDB	OR	ON	2009/12/11 17:53
314	376	S7 same 93 same 93 same 94	US FORUB USPAT; USCOR FFFS; EPC, IPC; DERMUNT; IBM_TOB	OR	ON	2009/12/11 17:54
315	64	S7 same 93 same 93 same 93 same 95	US FORUB. USPAT; USOOR FFFS; EPC, IPC, DETRIVENT; IBM_TOB	OR	ON	2009/12/11 17:54
316	7127844	medium\$3 or paper\$3 or film\$3	US-FORUB USPAT; USCOR FFFS; EPO, IPO, DERWINT; IBM_TOB	OR	ON	2009/12/11 17:55
317	17	57 same 93 same 93 same 94 same 95 same 916	US-FORUB, USPAT; USOCR FFFBS, EPO, JPO, DETWINIT; IBM_TDB	OR	ON	2009/12/11 17:56
318	2584	S4 and S5 and S7 and S9 and S9 and S16	USPOPUS USPAT; USCOR FFFS; EPD, IPO, DERWINT; IBM_TDB	OR	ON	2009/12/11 17:56
S19	395	S4 and S5 and (S7 same S8 same S9) and S18	US FORUB. USPAT; USDOR FFFAS. FFO, IPC, DERWENT; IBM_TDB	OR	ON	2009/12/11 17:57

S2 0	18578	idrum\$5 and thermal\$5 and (carrier\$5 or feed\$4) and (detector\$5 or detect\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/11 18:00
S21	39796	cirum\$5 and (therma\$5 or heat\$3) and (carrier\$5 or feed\$4) and (detector\$5 or detect\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	CN	2009/12/11 18:01
\$22	6120	cirum\$5 and (therma\$5 or heat\$3) and (carrier\$5 or feed\$4) and (detector\$5 or deted\$5) and (slip\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/11 18:02
S23	99	drum\$5 and (therma\$5 or heat\$3) and (carrier\$5 or feed\$4) and (detector\$5 or detect\$5) and (slip\$5) and (tension\$5 same ribbon\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/11 18:02
\$24	15	cirum\$5 and (thermal\$5 or heat\$3) and (carrier\$5 or feed\$4) and (detector\$5 or detect\$5) and (slip\$5) and (tension\$5 same ribbon\$5) and ((heat\$3 or thermal\$5) same (slip\$5))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/11 18:05
\$25	35057	(858) 1.1, 1.9, 1.5, 1.2, 1.3, 1.4, 1.6, 1.7, 1.8, 1.12, 1.15, 1.13, 1.14, 1.16, 1.17, 1.18, 296, 3.29, 1.11, 407, 488, 489, 490, 489), 002.5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/14 19:02
226	5057	(3991 1, 2, 299, 303, 304, 305, 328, 330, 331), OOLS	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/14 19:03
S27	6766	(947/171,172.186,191,2.3.5,14,28),CQLS.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/14 19:03
528	46186	(35 or \$26 or \$27	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	CN	2009/12/14 19:04
S29	225	friction\$5 near5 carrier\$3 near5 drum\$5	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	CN	2009/12/14 19:04

S30	4	S26 and S29	US POPUB USPAT; USCOR FFRS; EPO, IPO; UDERWENT; BM_TDB	OR	ON	2009/12/14 19:04
331	20513	auxilia(\$5 neaf5 carrier(\$5	US POPUB USPAT; USCOR FFFS, EPO, IPO, UDERWENT; IBM_TDB	OR	ON	2009/12/14 19:05
332	29	S28 and S31	(US POPUS (USPAT) (USOOR) FFFIS (EPC), IPC) (DEFINIENT) (IBM_TDB	OR	ON	2009/12/14 19:05
S33	10	529 and S31	US PGPUS, USPAT; USPOT; FPPS; EPC, IPC, DERIVENT; USB_TDB	OR	ON	2009/12/14 19:05
534	1	526 and 533	US POPUB USPAT; USCOR FFRS; EPC; IPC; DEPAYENT; BM_TDB	OR	ON	2009/12/14 19:05
335	721485	ghun⊈5	US POPUB. USPAT; USDOR FFF65, EPO; IPO; DETAYUSNT; BM_TDB	OR	ON	2009/12/14 19:06
336	905803	Sip\$5	US POPUB. USPAT; USOOR FFFS, EPO, IPO, DETAYBNT; IBM_TDB	OR	ON	2009/12/14 19:06
337	65960	S35 and S38	US FORUB. USPAT; USOOR FFFS; EFO; IFO; DETAVIBNT; IBM_TDB	OR	ON	2009/12/14 19:06
338	643	926 and 937	US FORUS USPAT; USDOR FFFIS, EPO, IPO, DEPAY(BNT); BM_TDB	OR	ON	2009/12/14 19:06
S39	1388093	fiction\$5	US FORUB. USPAT; USOOR FFFES, EFO, IPO; DEFAVENT; IBM_TOB	OR	ON	2009/12/14 19:06

S40	30072	(SSS and SS6 and SS9	US-PGPUB USPAT; USCOR; FFFS; IPO; IPO; IDERWINT; IBM_TDB	OR	ON	2009/12/14 19:06
341	287	528 and \$40	US FORUB USPAT; USCOR, FFFES, EFO, IPO, DEPNIVBIT; IBM_TDB	OR	ON	2009/12/14 19:06
342	906586	coefficient\$5	US FORUB USPAT; USSOR: FFFS. IPO; IPO; IOEM/INT; IBM_TDB	OR	ON	2009/12/14 19:08
343	6102	(SSS and SSS and SS9 and SV2	US POPUB USPAT; USDOR: FFFS, EPC; IPC; (DEPMICNT; (BM_TDB	OR	ON	2009/12/14 19:08
344	111	S28 and 943	US POPUB. USPAT; USCOR FFFS. IPO; IPO; IOERWINT; IBM_TDB	OR	ON	2009/12/14 19:08
345	3514020	yal (45	US FORUB USPAT; USSOR: FFFS; EFO; IPO; DEFNIVAT; IBM_TDB	OR	ON	2009/12/14 19:08
346	3440	(\$35 and \$36 and \$39 and \$42 and \$45	US FORUS USPAT; USCOR, FFFES, EFC, UPC, DEFNIVAT; BM_TDB	OR	ON	2009/12/14 19:08
347	57	S28 and S46	US FORUS USPAT; USDOT; FFFS; EPO; IPO; DOENWINT; BM_TDB	OR	ON	2009/12/14 19:08
348	9936	S39 same S42 same S45	US POPUE. USPAT; USPAT; USPOT; PPPO; IPPO; IPPO; IPDEMINIST; IBM_TDB	OR	ON	2009/12/14 19:52
S49	23	S28 and S48	(US POPUS (USPAT) (USDOT: FFFS) (EPC) (IPC) (DEPNIENT) (BM_TDB	OR	ON	2009/12/14 19:52

950	376	539 same S42 same S45 same S35	US POPUB, USPAT; USDOR FFFS; EPO; IPO; UDERWENT; BM_TDB	OR	ON	2009/12/14 19:53
351	2	S26 and S90	US FORUB USPAT; USDOR FFFES; EPO; IPO; USTWINNT; IBM_TDB	OR	ON	2009/12/14 19:53
352	64	S39 same S42 same S45 same S35 same S36	(US POPUB USPAT; USDOR, FFFIS, EFFO, IPC, (DERWENT; IBM_TDB	OR	ON	2009/12/14 19:53
353	1	\$28 and \$52	US-POPUB; USPAT; USDOT; FFPS; EPC, IPC, DERIVENT; UBM_TDB	OR	ON	2009/12/14 19:53
354	7130832	medium\$3 or paper\$3 or film\$3	(US POPUB) (USPAT) (USOOR, FFFIS) (EPO, IPO, (DERWENT) (BM_TDB	OR	ON	2009/12/14 19:53
355	17	S39 same S42 same S45 same S36 same S64	US FORUB. USFAT; USOOR FFFS; EPO; IPO; UDENVENT; IBM_TDB	OR	ON	2009/12/14 19:53
356	1	(S26 and 595	(US POPUB) (USPAT; (USOZ) FFFS; (EPC), (PC) (DERM/BMT) (BM_TDB	OR	ON	2009/12/14 19:53
357	2584	535 and 536 and 539 and 542 and 545 and 554	US FOR UB USPAT; USOOT, FFRS, EFO, IPO, DETMUNT; IBM_TDB	OR	ON	2009/12/14 19:54
358	56	S26 and S57	US FOR UB. USPAT; USDOT; FFRS; EFO; IFO; DERWENT; IBM_TDB	OR	ON	2009/12/14 19:54
359	395	535 and 536 and (539 same S42 same S45) and 554	US FORUB. USAT; USOOR FFFS; EFO , IPO; DERWENT; IBM_TOB	OR	ON	2009/12/14 19:54

960	8	S28 and S59	US-PGPUB; USPAT; USOCR, FPPS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/14 19:54
961	18578	drum\$5 and therma\$5 and (carrier\$5 or feed\$4) and (detector\$5 or detect\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/14 20:04
962	1394	(\$26 and \$61)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/14 20:04
963	39797	drum\$5 and (thermal\$5 or heat\$3) and (carrier\$5 or feed\$4) and (detector\$5 or detect\$5)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/14 20:05
2 64	2844	S28 and 988	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/14 20:05
965	6120	cirum\$5 and (thermal\$5 or heat\$3) and (carrier\$5 or feed\$4) and (detector\$5 or detect\$5) and (slip\$5)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/14 20:06
366	326	S28 and 995	US-PGPUB; USPAT; USOCR; FPPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/14 20:06
967	99	circum\$5 and (thermal\$5 or heal\$3) and (carrier\$5 or feed\$4) and (detector\$5 or detect\$5) and (slip\$5) and (tension\$5 same ribbon\$5)	US-PGPUB; USPAT; USOOR; FPPS; EPO; JPO; DERWENT; JBM_TDB	OR	ON	2009/12/14 20:21
268	6	S28 and S87	US-PGPUB; USPAT; USOCR, FPPS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/14 20:21
969	15	cirum\$5 and (thermal\$5 or heat\$3) and (carrier\$5 or feed\$4) and (detector\$5 or detect\$5) and (sip\$5) and (tension\$5 same ribbon\$5) and ((heat\$3 or itemsil\$5) same (sip\$5))	US-PGPUB; USPAT; USOOR; FPPS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/14 20:21

USPAT;	20:21
USOOR, FFRS;	
EPO; PO;	
DERWENT;	
IBM_TDB	

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	5429	(drum\$5 and detect\$5).dm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/15 11:02
L2	547	(drum\$5 and detect\$5 and heat\$5).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/15 11:02
L3	90	(drum\$5 and detect\$5 and heat\$5 and thermal\$3).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/15 11:03
L4	3	(drum\$5 and delect\$5 and heal\$5 and thermal\$3 and slip\$3).dm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/15 11:03
L5	1	(drum\$5 and detect\$5 and heat\$5 and thermal\$3 and slip\$3 and ribbon\$3).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/15 11:03
L6	759	(drum\$5 and detect\$5 and medium\$3).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/15 11:04
IJ.	145	drum\$5 and detect\$5 and medium\$3 and distanc\$5).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/15 11:04
L8	43	(drum\$5 and delect\$5 and medium\$3 and distanc\$5 and adjust\$5).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/15 11:05
L9	8	(drum\$5 and detect\$5 and medium\$3 and distanc\$5 and adjust\$5 and (heat\$5 or thermal\$3)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/15 11:05
L10	1	(drum\$5 and detect\$5 and medium\$3 and distanc\$5 and adjust\$5 and (heat\$5 or thermal\$3) and slip\$3).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/15 11:05
L11	29171	;(358/1.1,1.9,1.5,1.2,1.3,1.4,1.6,1.7,1.8,1.12,1.15,1.13,1.14,1.16,1.17,1.18,296,3.29,1.11,407,468,488,490,489).OCLS.	US-PGPUB; USPAT; UPAD	OR	OFF	2009/12/15 11:06
L12	3105	[399/1,2,299,303,304,305,328,330,331).CCLS.	US-PGPUB; USPAT; UPAD	OR	OFF	2009/12/15 11:06
L13	4978	[347/171,172,186,191,2,3,5,14,23].O.J.S.	US-PGPUB; USPAT; UPAD	OR	OFF	2009/12/15 11:07
L14	36684	111 or l12 or l13	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/15 11:07
L15	161	14 and 1	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/15 11:08
L16	19	:14 and 2	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/15 11:08
L17	8	114 and 3	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/15 11:08
L18	51	114 and 16	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/15 11:08
L19	13	14 and 7	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/15 11:08
L20	2	114 and 18	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/15 11:08
L21	97	(drum\$5 and thermal\$5 and carrier\$5).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/15 11:09
L22	7	114 and L21	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/15 11:09
L23	13	(drum\$5 and thermal\$5 and carrier\$5 and friction\$5).dm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/15 11:10
L24	2	114 and L23	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/15 11:10
L25	1684	(drum\$5 and thermal\$5).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/15 11:11
L26	73	114 and L25	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/15 11:11
L27	150	(drum\$5 and thermal\$5 and ratio\$3).dm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/15 11:11
L28	7	114 and L27	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/15 11:11
L38	112	(Naoki\$5 near9 Yoshida\$5).in.	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/15 11:18
L39	39	[129" and (drum\$5)	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/15 11:19
L40	7	38 and (drum\$5)	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/15 11:19
	3	38 and (drum\$5 and coefficient\$5)	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/15 11:20
L42	3	38 and (drum\$5 and coefficient\$5 and friction\$5)	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/15 11:21
	[1	38 and (drum\$5 and coefficient\$5 and friction\$5 and slip\$3)	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/15 11:21
L44	7	; 38 and ((drum\$5).clm.)	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/15 11:23
	1	38 and ((drum\$5 and coefficient\$5).dm.)	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/15 11:23
L46	7	38 and (drum\$5 and detect\$5)	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/15 11:24
L47	[1	i38 and (drum\$5 and detext\$5 and slip\$3)	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/15 11:24

S 7 1	97	(drum\$5 and thermal\$5 and carrier\$5).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/14 20:23
572	13	(drum\$5 and thermal\$5 and carrier\$5 and friction\$5).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/14 20:24
S73	1	(drum\$5 and thermal\$5 and carrier\$5 and friction\$5 and coefficient\$5).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/14 20:24
S74	1684	(crum\$5 and thermal\$5).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/14 20:25
S75	150	(drum\$5 and thermal\$5 and ratio\$3).dm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/14 20:25
S76	5	(drum\$5 and thermal\$5 and ratio\$3 and slip\$3).dm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/14 20:25
S77	2	(drum\$5 and thermal\$5 and ratio\$3 and slip\$3 and coefficient\$5).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/14 20:26
S78	2	drum\$5 and thermal\$5 and ratio\$3 and slip\$3 and coefficient\$5 and friction\$5),clm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/14 20:27
S79	1	(drum\$5 and thermal\$5 and ratio\$3 and slip\$3 and coefficient\$5 and friction\$5 and medium\$3),clm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/14 20:27

12/15/2009 11:27:09 AM H:\ Workspaces\ 10525525.12112009.1.wsp